

General

Title

Lymphoma: proportion of patients with grade 3b follicular lymphoma who receive treatment with rituximab, cyclophosphamide, doxorubicin, vincristine and prednisolone (R-CHOP) chemotherapy.

Source(s)

NHS Scotland, Scottish Cancer Taskforce. Lymphoma clinical quality performance indicators. Edinburgh (Scotland): Healthcare Improvement Scotland; 2015 Sep. 29 p. [16 references]

Measure Domain

Primary Measure Domain

Clinical Quality Measures: Process

Secondary Measure Domain

Does not apply to this measure

Brief Abstract

Description

This measure is used to assess the proportion of patients with grade 3b follicular lymphoma who receive treatment with rituximab, cyclophosphamide, doxorubicin, vincristine and prednisolone (R-CHOP) chemotherapy.

Note from the National Quality Measures Clearinghouse: This measure is part of the Cancer Quality Performance Indicators (QPIs) collection. For more information, including a complete list of QPI measure sets, please visit the [Healthcare Improvement Scotland Web site](#).

Rationale

Patients with histological grade 3b follicular lymphoma should be treated as if they have diffuse large B cell lymphoma (DLBCL), with rituximab in combination with a regimen of cyclophosphamide, doxorubicin, vincristine and prednisolone (R-CHOP) (McNamara et al., 2012; National Institute for Clinical Excellence [NICE], 2003).

Evidence suggests there may be important clinical and biologic differences between this group (grade 3b) and follicular lymphoma patients with lower grades (NICE, 2003).

Evidence for Rationale

McNamara C, Davies J, Dyer M, Hoskin P, Illidge T, Lyttelton M, Marcus R, Montoto S, Ramsay A, Wong WL, Ardeschna K, Haemato-oncology Task Force of the British Committee for Standards in Haematology (BCSH), British Society for Haematology Committee. Guidelines on the investigation and management of follicular lymphoma. Br J Haematol. 2012 Feb;156(4):446-67. [PubMed](#)

National Institute for Health and Clinical Excellence (NICE). Rituximab for aggressive non-Hodgkin's lymphoma. London (UK): National Institute for Health and Clinical Excellence (NICE); 2003 Sep. 22 p. (Technology appraisal; no. 65).

NHS Scotland, Scottish Cancer Taskforce. Lymphoma clinical quality performance indicators. Edinburgh (Scotland): Healthcare Improvement Scotland; 2015 Sep. 29 p. [16 references]

Primary Health Components

Grade 3b follicular lymphoma; rituximab; rituximab, cyclophosphamide, doxorubicin, vincristine and prednisolone (R-CHOP) chemotherapy

Denominator Description

All patients with grade 3b follicular lymphoma (see the related "Denominator Inclusions/Exclusions" field)

Numerator Description

Number of patients with grade 3b follicular lymphoma who receive rituximab, cyclophosphamide, doxorubicin, vincristine and prednisolone (R-CHOP) chemotherapy (see the related "Numerator Inclusions/Exclusions" field)

Evidence Supporting the Measure

Type of Evidence Supporting the Criterion of Quality for the Measure

A clinical practice guideline or other peer-reviewed synthesis of the clinical research evidence

A formal consensus procedure, involving experts in relevant clinical, methodological, public health and organizational sciences

Additional Information Supporting Need for the Measure

Unspecified

Extent of Measure Testing

The collection of data is piloted on a small number of patient records using a paper data collection form produced by Information Services Division (ISD). The aim is to identify any anomalies or difficulties with

data collection prior to full implementation. At least one NHS board in each Regional Cancer Network participates in the pilot.

Evidence for Extent of Measure Testing

NHS Scotland. National cancer quality performance indicators: overview of development process. Edinburgh (Scotland): NHS Scotland; 2012 Dec. 7 p.

State of Use of the Measure

State of Use

Current routine use

Current Use

not defined yet

Application of the Measure in its Current Use

Measurement Setting

Ambulatory/Office-based Care

Ambulatory Procedure/Imaging Center

Hospital Outpatient

Professionals Involved in Delivery of Health Services

not defined yet

Least Aggregated Level of Services Delivery Addressed

Single Health Care Delivery or Public Health Organizations

Statement of Acceptable Minimum Sample Size

Unspecified

Target Population Age

Unspecified

Target Population Gender

Either male or female

National Strategy for Quality Improvement in Health Care

National Quality Strategy Aim

Better Care

National Quality Strategy Priority

Prevention and Treatment of Leading Causes of Mortality

Institute of Medicine (IOM) National Health Care Quality Report Categories

IOM Care Need

Getting Better

Living with Illness

IOM Domain

Effectiveness

Data Collection for the Measure

Case Finding Period

Unspecified

Denominator Sampling Frame

Patients associated with provider

Denominator (Index) Event or Characteristic

Clinical Condition

Denominator Time Window

not defined yet

Denominator Inclusions/Exclusions

Inclusions

All patients with grade 3b follicular lymphoma

Exclusions

- Patients who refuse chemotherapy
- Patients enrolled in clinical trials
- Patients who died before chemotherapy treatment

Exclusions/Exceptions

not defined yet

Numerator Inclusions/Exclusions

Inclusions

Number of patients with grade 3b follicular lymphoma who receive rituximab, cyclophosphamide, doxorubicin, vincristine and prednisolone (R-CHOP) chemotherapy

Exclusions

- Patients who refuse chemotherapy
- Patients enrolled in clinical trials
- Patients who died before chemotherapy treatment

Numerator Search Strategy

Fixed time period or point in time

Data Source

Electronic health/medical record

Paper medical record

Type of Health State

Does not apply to this measure

Instruments Used and/or Associated with the Measure

Unspecified

Computation of the Measure

Measure Specifies Disaggregation

Does not apply to this measure

Scoring

Rate/Proportion

Interpretation of Score

Desired value is a higher score

Allowance for Patient or Population Factors

not defined yet

Standard of Comparison

not defined yet

Prescriptive Standard

Target: 95%

The tolerance within this target accounts for the fact that due to co-morbidities and fitness levels not all patients will require or be suitable for chemotherapy. Furthermore, some patients with cardiac disease may not be suitable for treatment with anthracycline based chemotherapy

Evidence for Prescriptive Standard

NHS Scotland, Scottish Cancer Taskforce. Lymphoma clinical quality performance indicators. Edinburgh (Scotland): Healthcare Improvement Scotland; 2015 Sep. 29 p. [16 references]

Identifying Information

Original Title

QPI 7 – treatment of grade 3b follicular lymphoma.

Measure Collection Name

Cancer Quality Performance Indicators (QPIs)

Measure Set Name

Lymphoma

Submitter

NHS Scotland - National Government Agency [Non-U.S.]

Scottish Cancer Taskforce - National Government Agency [Non-U.S.]

Developer

NHS Scotland - National Government Agency [Non-U.S.]

Scottish Cancer Taskforce - National Government Agency [Non-U.S.]

Funding Source(s)

Scottish Government

Composition of the Group that Developed the Measure

Lymphoma QPI Development Group

Financial Disclosures/Other Potential Conflicts of Interest

Unspecified

Adaptation

This measure was not adapted from another source.

Date of Most Current Version in NQMC

2015 Sep

Measure Maintenance

The Cancer Quality Performance Indicators (QPIs) will be kept under regular review and be responsive to changes in clinical practice and emerging evidence.

Date of Next Anticipated Revision

Unspecified

Measure Status

This is the current release of the measure.

Measure Availability

Source document available from the [Healthcare Improvement Scotland Web site](#) .

For more information, contact the Healthcare Improvement Scotland at Gyle Square, 1 South Gyle Crescent, Edinburgh, Scotland EH12 9EB; Phone: 0131 623 4300; E-mail: comments.his@nhs.net; Web site: www.healthcareimprovementscotland.org/ .

Companion Documents

The following is available:

NHS Scotland. National cancer quality performance indicators: overview of development process. Edinburgh (Scotland): NHS Scotland; 2012 Dec. 7 p. This document is available from the [Healthcare Improvement Scotland Web site](#) .

NQMC Status

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Production

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